ENVIRONMENTAL CHEMISTS

Date of Report: 04/26/00 Date Received: 04/13/00

Project: Metro Self Monitor, PO# M63915

Date Extracted: 04/17/00 Date Analyzed: 04/25/00

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Results Reported as mg/L (ppm)

Sample ID	Chromiur	n Copper	Nickel	Zinc
Laboratory ID				
M63915	0.74	0.55	0.71	0.08
004078-01				
in and the				
Method Blan	nk <0.05	< 0.05	< 0.05	< 0.05

ENVIRONMENTAL CHEMISTS

Date of Report: 04/26/00 Date Received: 04/13/00

Project: Metro Self Monitor, PO# M63915

QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 004078-01 (Duplicate)

	Reporting	Sample	Duplicate	Relative Percent	Acceptance
Analyte	Units	Result	Result	Difference	Criteria
Chromium	mg/L (ppm)	0.74	0.81	9	0-20
Copper	mg/L (ppm)	0.55	0.54	2	0-20
Nickel	mg/L (ppm)	0.71	0.80	12	0-20
Zinc	mg/L (ppm)	0.08	0.08	0	0-20

Laboratory Code: 004078-01 (Matrix Spike)

Maria Maria (17)	Reporting	Spike	Sample	% Recovery	% Recover	y Acceptance		
Analyte	Units	Level	Result	MS	MSD	Criteria	RPD	
Chromium	mg/L (ppm)	5	0.74	115	119	80-120	3	7.5
Copper	mg/L (ppm)	5	0.55	97	99	80-120	2	
Nickel	mg/L (ppm)	10	0.71	113	121	80-120	7	
Zinc	mg/L (ppm)	5	0.08	127 vo	137 vo	80-120	8	

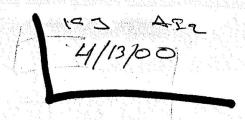
Laboratory Code: Laboratory Control Sample

	Reporting	Spike	% Recove	ery % Recove	ry Acceptance	e e	
Analyte	Units	Level	LCS	LCSD	Criteria	RPD	
Chromium	mg/L (ppm)	5	112	111	80-120	1	200
Copper	mg/L (ppm)	5	109	108	80-120	1	
Nickel	mg/L (ppm)	10	114	114	80-120	0	- 2
Zinc	mg/L (ppm)	5	119	118	80-120	1	

vo - The value reported fell outside the control limits established for this analyte.

FRIEDMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282

004088



SAMPLE CHAIN OF CUSTODY

Send Report To:	Kang, Cox	ppe WE	*ks	Contact_	Gen-12	A-72	sompood	
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Dispose after 30 days Return Samples Call for Instructions								
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FORMS/COC

03/23/00

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S.

3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

April 26, 2000

DUPLICATE COPY

INVOICE #00ACU0426-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M63915 - Results of testing requested by Gerald A. Thompson for material submitted on April 13, 2000.

FEDERAL TAX ID (b) (6)

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

April 26, 2000

Gerald A. Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on April 13, 2000 from your Metro Self Monitor, PO# M63915 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kan Trup

Kate Trafton Project Manager

Enclosures ACU0426R.DOC